

MATERNAL HIV INFECTION

TITLE V INDICATOR TEMPLATES

INDICATOR: Maternal HIV infection

DEFINITION: The number of women with HIV infection per 10,000 live births

NUMERATOR: The number of HIV-positive women who delivered live-born infants as measured through the Center for Disease Control and Prevention (CDC) Anonymous Survey of Childbearing Women, (SCW), adjusted for survey period by county of occurrence, in a calendar year

DENOMINATOR: The total number of blood specimens tested through the CDC SCW, by county of occurrence, in a calendar year

HEALTHY PEOPLE 2010 OBJECTIVE:

Confine the prevalence of HIV infection among women giving birth to live-born infants to no more than 100 per 100,000.
(Baseline: 150 per 100,000 in 1989) (Objective 18.2c)

RISK FACTORS:

Young maternal age/teenage pregnancy; low income; race/ethnicity; substance use/abuse (IDU); addiction to crack cocaine; trading sex for drugs/money; transfusion; high risk/unsafe sexual practices
(e.g., anal intercourse; multiple sexual partners; high risk sexual partners including injection drug users, HIV-infected, or homosexual contacts)

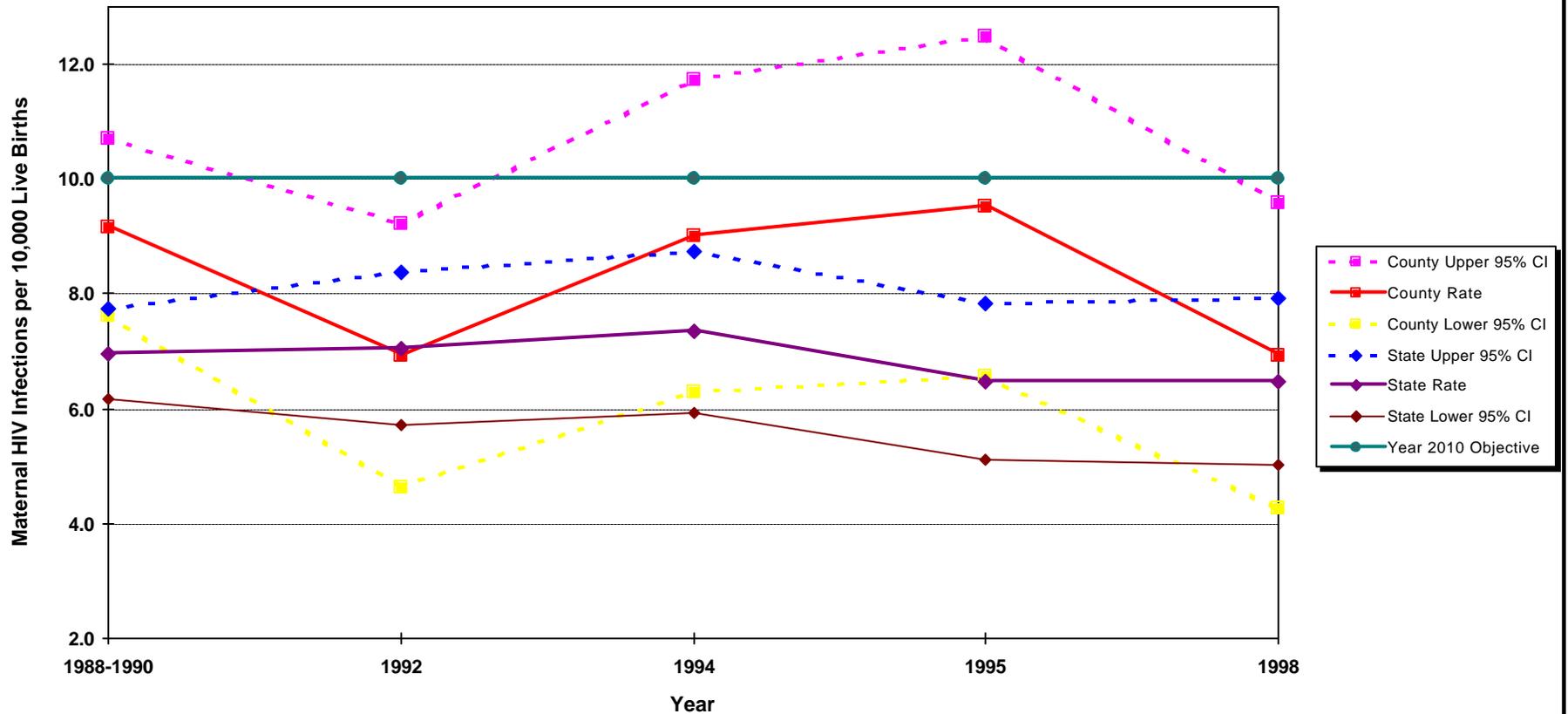
California Maternal HIV Infection					
Year	Number tested	Number HIV+	Rate (per 10,000)	Lower 95% CI	Upper 95% CI
1988-1990	430,586	299	6.9	6.2	7.7
1992	150,494	106	7.0	5.7	8.4
1994	143,095	105	7.3	5.9	8.7
1995	135,991	88	6.5	5.1	7.8
1998	119,108	77	6.5	5.0	7.9

LA County Maternal HIV Infection					
Year	Number tested	Number HIV+	Rate (per 10,000)	Lower 95% CI	Upper 95% CI
1988-1990	147,411	135	9.2	7.6	10.7
1992	50,561	35	6.9	4.6	9.2
1994	46,667	42	9.0	6.3	11.7
1995	41,989	40	9.5	6.6	12.5
1998	37,588	26	6.9	4.3	9.6

Sources: California Department of Health Services, Office of AIDS, HIV/AIDS Epidemiology Branch,
"California Childbearing Women: A Comparison of HIV Seroprevalence Data from the
Third Quarters of 1992, 1995, and 1998 and Zidovudine Determination, 1998", 2001

Note: As estimated through the CDC Anonymous Survey in Childbearing
Women (SCW) using leftover heel-stick blood taken from newborn
infants in participating states.

**Maternal HIV Infection per 10,000 Live Births
California vs. Los Angeles County
1988-1990 Average, 1992, 1994, 1995, 1998**

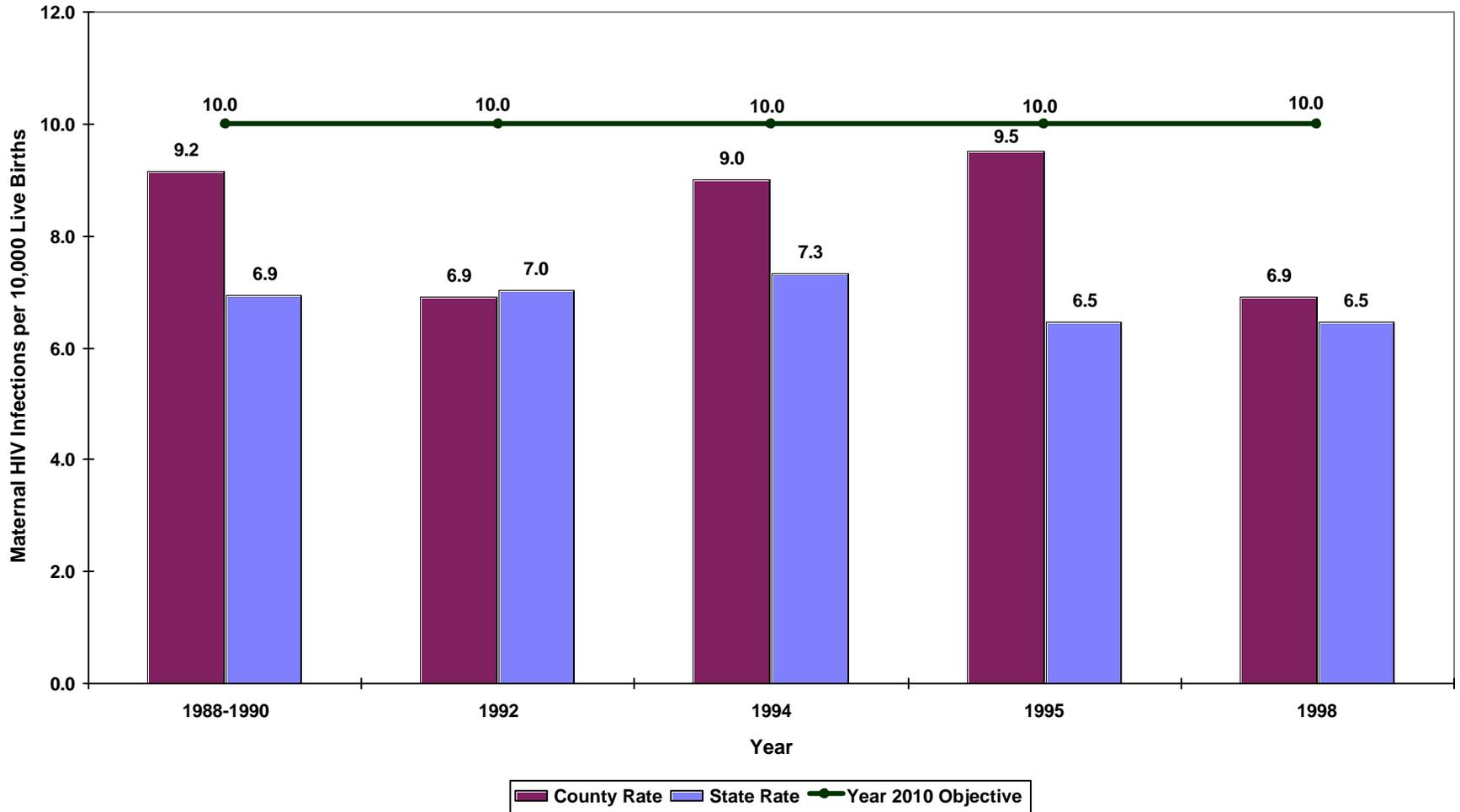


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